LOWERED BIOLOGICAL ACTIVITY

Objective

To decrease the activity of cigarette smoke condensate (CSC) by 90%, relative to 2R1 CSC, as determined by multiple ***in vitro*** assays.

Strategies

1. **Bioassay Development:** Establish ***in vitro*** bioassays which can differentiate among CSCs from various model cigarettes.

2. **Model Development:** Prepare model cigarettes designed to reduce biological activity.

3. **Model Evaluation:** Test CSC from new model cigarettes.

4. **Model Optimization:** Improve the subjectives of a low activity model.

5. **Information Survey:** Gather information from the outside scientific community relevant to biological activity.

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Source: https://www.industrydocuments.ucsf.edu/docs/pxkl0000